

# PUTNAM COUNTY ENGINEER

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## **Ditch Maintenance Spraying General Specifications**

**Scope:** The contractor shall furnish all of the necessary materials, labor, equipment, and insurance to apply a herbicide solution to control unwanted brush and broadleaf vegetation existing on ditches as indicated on the attached list of locations.

**Method of Payment:** The payment will be made after the completion of herbicide application or upon final approval of the county engineer. The Contractor will be paid on a per Linear foot basis. The contractor will be responsible to keep a cost associated with spraying each ditch separate and to invoice each ditch accordingly.

**Area to be Treated:** The contractor shall be responsible for spraying All designated ditch banks and any additional maintenance easements associated with these ditches. The contractor shall be limited to ten feet in width from the top of the ditch bank as a work area throughout the length of the open ditch. The Linear feet of the ditch to be sprayed is approximate, and shall be used as a estimating purpose only.

**Method of Treatment:** All of the listed ditches shall be treated with a one spray application, to insure maximum coverage of broadleaf weeds and unwanted woody plants and vegetation. The spray shall be a continuous application to provide an even coverage of the approved herbicide. A 90% kill of both broadleaf weeds and unwanted woody plants will be required by the contractor, prior to the final approval by the county engineer. If the contractor doesn't obtain a 90% kill rate they shall respray the ditch at their own expense until the 90% kill rate is achieved.

**Time of Application:** For broadleaf vegetation the application of the herbicide is to be made between full leaf expansion and July 31 . The period of application for cattails will be after plumes develop and July 31. The completion dates are weather permitting. All work performed on this contract shall be during normal daylight hours. The Contractor needs to give the County Engineer a week in advanced notice to when he or she is going to start, so it will allow for a newspaper article to be sent out to the public.

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**Application Material :** You must follow the manufactures specifications for the correct rate of application. The chemicals to be used for the control of broadleaf weeds, brush and cattails is the contractors responsibility to choose what he or she thinks will get them a 90% kill rate. All the chemicals need to be approved for aquatic use. Rate of application shall vary with the density of brush to be treated, while maintaining a consistent broadcast spray over the ditch bank and berm target area.

**\*All chemicals for application must to be preapproved by the engineers office before submitting an official quote\*.**

**Equipment:** The contractor shall furnish, operate, and properly maintain suitable and adequate equipment necessary for the performance of this contract. **The spray vehicle(s) shall be equipped to apply a broadcast treatment, and include a handgun and hose reel.** All spray equipment shall have controlled and flexible pressure regulation capacity capable of adjusting to each technique of application in order to insure adequate coverage of target vegetation and minimize the risk of over spray and off-site drift. In addition, the contractor shall have the right to utilize a backpack sprayer application and techniques, if necessary, to perform indicated work.

**Experience and License Requirements:** The contractor must be licensed by the State of Ohio for work of this nature. The bidder must also furnish a copy of his Ohio Custom Applicator's License, upon demand, issued by the Ohio Department of Agriculture.

**Liability and Insurance :** The contractor shall at all times exercise extreme care to prevent damage to residential plantings, vegetable and flower gardens, desirable trees, and any susceptible farm crops adjacent to the open ditch. If a problem arises, the contractor shall repair or pay for the repair of any damage to the indemnified parties' property caused by the contractor or its employees, invitees or agents. The contractor shall have the right to shut off spray at any time that he feels the application may cause damage. The contractor must be able to furnish satisfactory evidence of automobile and general liability insurance coverage in an amount of no less than **One Million Dollars (1,000,000.00)**, to insure adequate payment for any damages caused directly by the spraying operations or because of accidents occurring with the equipment and/or operators. The contractor and surety shall save harmless Putnam County, including The Board of County Commissioners and the County Engineer's office from all suits, actions, or claims of any character brought on account of any injuries or damages sustained by any person or property. This shall include any consequences due to any neglect in safeguarding the work, or through the use of unacceptable materials in the spraying of the open ditches, or on account of any act or omission by the contractor or his/her agents.

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## QUOTE FOR HERBICIDAL SPRAYING ON COUNTY MAINTENANCE DITCHES

**Bidding Unit:** The bidding unit for this work will be per foot of on the types to be treated as follows:

**Brush and Broadleaf Weeds:**

Price per foot applied as per specification. \$ \_\_\_\_\_/ft.

**Brush (Spot sprayed):**

Price per foot applied as per specification. \$ \_\_\_\_\_/ft.

Changes in the amount of area treated in this work will be a mutual agreement of the contractor and the Putnam County Engineer.

The Putnam County Engineer reserves the right to accept or reject any or all quotes.

**Submitted by:**

Signature/Title \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

Phone Number \_\_\_\_\_ Date \_\_\_\_\_

Please submit your quote to the Putnam County Engineer, 245 E Main St., Ottawa, Ohio 45875 in a sealed envelope marked "**Quote for Herbicidal Spraying**" by **10:00 am on June 5<sup>th</sup>, 2024.** No bid bond or deposit required.

Ditch Name	Ditch #	Township Location	Approx. Feet*
Dutch Run	840	Blanchard-Riley	44,766
Fairchild	811	Blanchard	13,650
Fairchild	804	Blanchard	3,375
Richard Hovest	869	Blanchard	8,703
Fenstermaker	921	Blanchard	1,449
Robert Maag	660	Blanchard	3,656
Vitus Erhart Branch 1	826	Greensburg	8,096
John Vorst	659	Jackson	5,451
Paul Turnwald	744	Jackson	15,281
Askins	823	Jackson,Jennings,Sugar Creek,Union	15,390
Tom Krietemeyer	931	Jennings-Monterey	16,630
Buckeye Stave	736	Liberty	5,235
Charles Niese	803	Liberty	7,718
Albert Barlage	793	Liberty	6,250
Inkrott	760	Liberty	1,971
Harold Riegel Main	582	Liberty	2,044
Harold Riegel Branch 1	582	Liberty	2,600
Harold Riegel Branch 2	582	Liberty	2,600
Harold Ginther	592	Liberty	10,300
North Powell Creek	849	Monroe- Palmer	37,489
Robert Beining	666	Monterey	8,456
Hilvers Group	693	Monterey	17,240
Brandehoff-Koester Main	747	Monterey	17,972
Ruen Pohlman	858	Monterey	13,133
Art Kramer	898	Monterey	8,851
Turnwald	885	Monterey	7,247
Leo Kortokrax	757	Monterey-Van Wert	9,870
Ed Schnipke Branch	881	Ottawa	4,048
Village of Ottawa	976	Ottawa	9,575
Omer Selhorst	717	Ottawa	3,182
Tom Duling	977	Ottawa-Pleasant	9,000
Schmitz	746	Ottawa-Pleasant	1,975
Utendorf	868	Ottawa-Pleasant	19,600
Royal Group Main	732	Palmer	13,995
Gilgenbach Main	806	Palmer	10,566
Gilgenbach Branch 1	806	Palmer	5,468
Gilgenbach Branch 2	806	Palmer	1,995
Hoffman Drummelsmith	794	Palmer	5,229
Paul Wagner	641	Palmer	9,300
Caton	972	Palmer	9,400
South Powell	790	Palmer- Monroe	45,408
William I. Niese	798	Liberty-Palmer	11,690
Frank Dewitt	941	Palmer	6,654
K. Vennekotter Main	892	Perry	6,715
Eugene Recker	876	Perry	8,421
Grassy Run	813	Pleasant	9,335
Moening	933	Pleasant	1,860
Michael Selhorst	912	Pleasant	4,875
Lydia Rimer	738	Pleasant	6,465
Lydia Rimer	907	Pleasant	7,759

Floyd Snavely Main	764	Riley	23,334
Collar Group	750	Sugar Creek	8,315
Duane Young	830	Sugar Creek	16,000
Ray Clevenger	940	Sugar Creek	7,935
Siefker Branch	577	Sugar Creek	8,183
Walther Jt. Co.	742	Van Buren	6,579
P. Ellerbrock	777	Van Buren	5,388
Ed Gerten	873	Blanchard-Van Buren	4,780
Garnet Glasser Main	599	Van Buren	11,317
Garnet Glasser Branch	599	Van Buren	3,565
		Total Feet	603,334